1.Explain the difference between Cassandra and typical databases?
Ans.Cassandra is a high performance and highly scalable distributed NoSQL database management system.RDBMS is a database management system or software which is designed for relational databases.Casandra is a NoSQL database.RDBMS uses SQL for querying and maintaining the database.
2.What exactly is CQLSH?
Ans.CQLSH is a command -line interface for interacting with Cassandra using CQL(the Cassandra Query Language).It is shipped with every Cassandra package, and can be found in the bin/directory alongside the Cassandra executable.
3.Explain the Cassandra cluster idea?
Ans. A cluster in Cassandra is one of the shells in the whole Cassandra database.Many Cassandra Clusters

combine together to form the database in Cassandra.A cluster is basically the outermost shell or storage unit in a database.The Cassandra Cluster contains many different layers of storage units.

4.Give an example to demonstrate the class notion?

Ans.Python is an object oriented programming language.A class is like an object constructor,or a "blueprint"for creating objects.

Example:class My class:x=5

5.Use an example to explain the object?

Ans.Everything is in python treated as an object.Every object belong to its class. For example -An integer variable belongs to integer class.An object is the collection of various data and functions that operate on those data.